

Message Text

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43

ACTION IO-10

INFO OCT-01 ISO-00 ACDA-05 CIAE-00 INR-07 L-02 NSAE-00

NSC-05 RSC-01 OES-03 FEAE-00 OIC-02 AF-06 ARA-06

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TO SECSTATE WASHDC 5349

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EO 11652: N/A

TAGS: OCON IAEA TECH

SUBJ: IAEA TECHNICAL COMMITTEE ON PNE, JANUARY 20-24

REF: STATE 245376

1. TO DATE, SECRETARIAT REPORTS THAT FRANCE, AUSTRALIA, FRG, INDIA, SWEDEN, THAILAND, UK AND US HAVE INFORMED IAEA OF PARTICIPANT IN SUBJECT MEETING. ARGENTINA AND EGYPT HAVE EACH INFORMED SECRETARIAT THAT NO PARTICIPANT WILL ATTEND. USSR HAS GIVEN NO RESPONSE, BUT SECRETARIAT EXPECTS ONE SHORTLY.

2. IN ADDITION TO PARTICIPANT, SEVEN OBSERVERS HAVE BEEN NOMINATED BY FRANCE.

3. IN ADDITION TO SEVEN FRENCH AND NINE US (PER REFTTEL) OBSERVERS, 24 OBSERVERS FROM 13 COUNTRIES HAVE BEEN NOMINATED. INDIA, HOWEVER, HAS INDICATED THAT NO OBSERVERS (IN ADDITION TO PARTICIPANT) WILL ATTEND.

4. THAILAND HAS SUBMITTED ABSTRACT ON POSSIBLE APPLICATION OF PN EXPLOSIONS FOR EXCAVATION OF PORTION OF KRA CANAL.

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5. UK MISSION, UNDER INSTRUCTIONS COMPARE NOTES WITH US, HAS GIVEN MISSION DRAFT UK "NATIONAL STATEMENT". DRAFT CONSISTS OF SIX SHORT PARAS OF TEXT PLUS BIBLIOGRAPHY OF ALL UK PUBLICATIONS (TOTAL OF 42) EVEN REMOTELY BEARING (E.G., SEISMIC STUDIES OF UNDERGROUND NUCLEAR EXPLOSIONS AND EARTHQUAKES) ON PNE'S.

6. OPENING PARA OF PAPER STATES THAT OF PROPOSED INDUSTRIAL APPLICATIONS OF PNE, "THOSE THAT SHOW MOST PROMISE ARE AS YET NEITHER COMPLETELY PROVED NOR OF VERWHELMING ECONOMIC ATTRACTIVENESS." BULK OF PAPER IS BRIEF RECITATION OF UK STUDIES AND PARTICIPATION IN IAEA MEETINGS. PAPER CONCLUDES THAT NPT ARTICLE V WAS ESSENTIAL TO PROTECT LEGITIMATE PNE INTERESTS OF NNWS'S, AND GOES ON TO STATE, "EVENTS SINCE 1968 HAVE SHOWN THAT IT IS DIFFICULT TO DEVELOP THE TECHNOLOGY QUICKLY, PARTICULARLY WHERE THE PLANNING OF ONE EXPERIMENT IS CRITICALLY DEPENDENT ON ANALYSING THE RESULTS OF ITS PREDECESSOR. IN MANY BRANCHES OF MINING AND ENGINEERING WHERE PNE MIGHT BE APPLICABLE THERE HAS BEEN RAPID DEVELOPMENT OF ALTERNATIVE TECHNOLOGY SO THAT IN MANY CASES THE PNE APPROACH NOW APPEARS LESS FAVORABLE. ON THE OTHER HAD THE RELATIVE MERITS OF ALTERNATIVE SOLUTIONS DIFFER FROM COUNTRY TO COUNTRY AND THE UNITED KINGDOM REMAINS READY TO ASSIST "BLANK" IN ASSESSING AND, IF APPROPRIATE, CARRYING OUT PNE PROJECTS."

7. "BLANK" IN FOREGOING SENTENCE WOULD BE FILLED WITH EITHER "SIGNATORIES OF NPT" OR "MEMBERS OF IAEA," DEPENDING UPON OUTCOME OF FCO DELIBERATION THIS POINT. SENTENCE MUST BE READ IN CONTEXT OF REFERENCE TO "BRITISH ENGINEERING AND MINING ORGANIZATIONS, WITH GREAT EXPERIENCE IN RELEVANT CIVIL ENGINEERING ACTIVITIES, WHICH COULD BE SUPPORTED BY NATIONAL EXPERTISE IN PROJECTS WHERE PNE TECHNOLOGY MAY BE APPLICABLE."

8. PAPER REFERS TO EXPECTED SUBMISSION TO IAEA OF LIST OF MORE THAN TWENTY PNE-RELATED SERVICES SUCH AS GEOLOGIC SURVEYS, WEATHER PREDICTION, HEALTH PHYSICS, PREDICTION AND MEASUREMENT OF BLAST AND SHOCK AND DECONTAMINATION OF LIMITED OFFICIAL USE

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RADIOACTIVITY, WHICH MIGHT BE PROVIDED BY UK ORGANIZATIONS.

9. MISSION FINDS UK PAPERS UNREMARKABLE, BUT WILL PASS TO UK MISSION ANY COMMENTS ON FOREGOING RECEIVED FROM DEPARTMENT BY JANUARY 13. PORTER

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Message Attributes

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